

FIG. 1

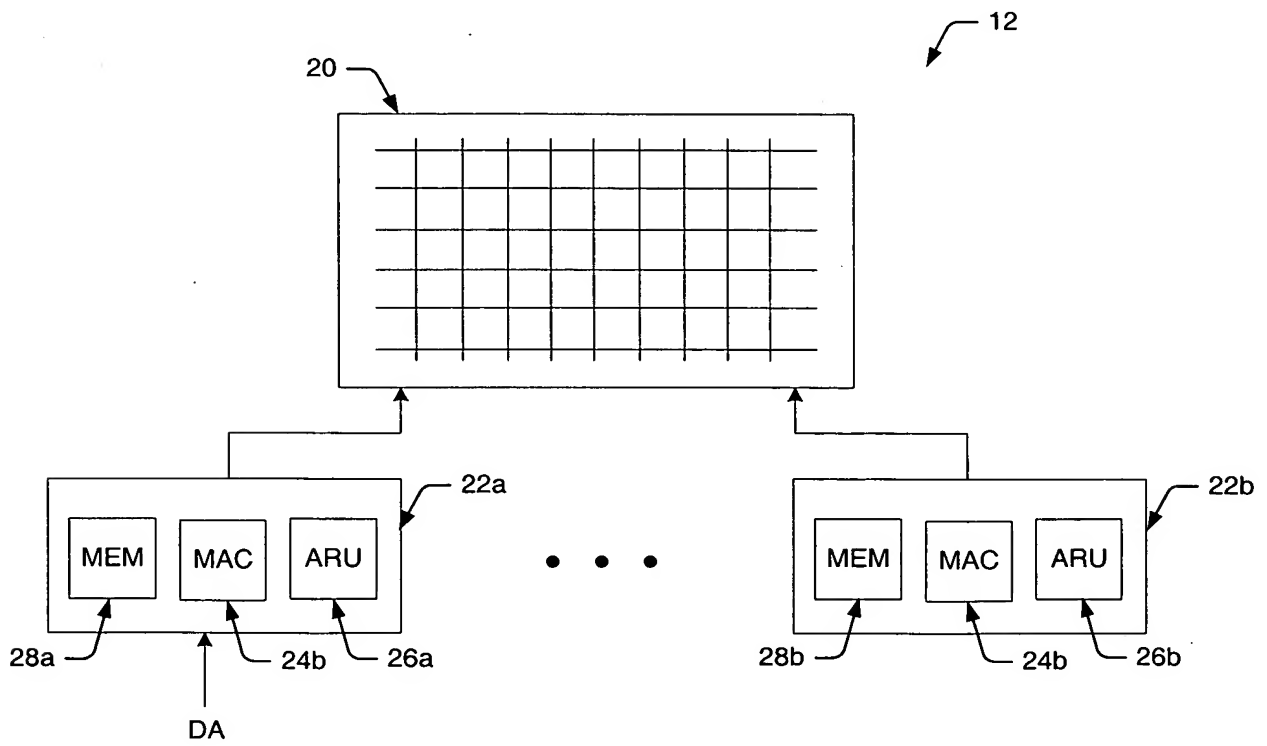


FIG. 2

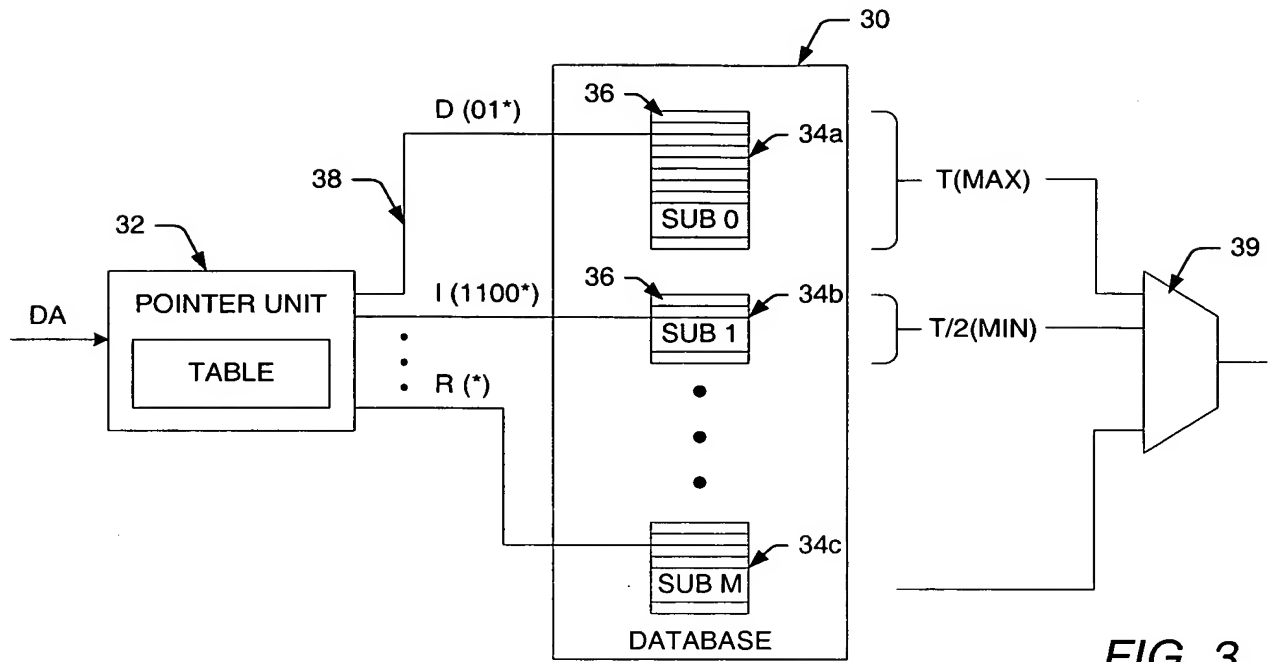


FIG. 3

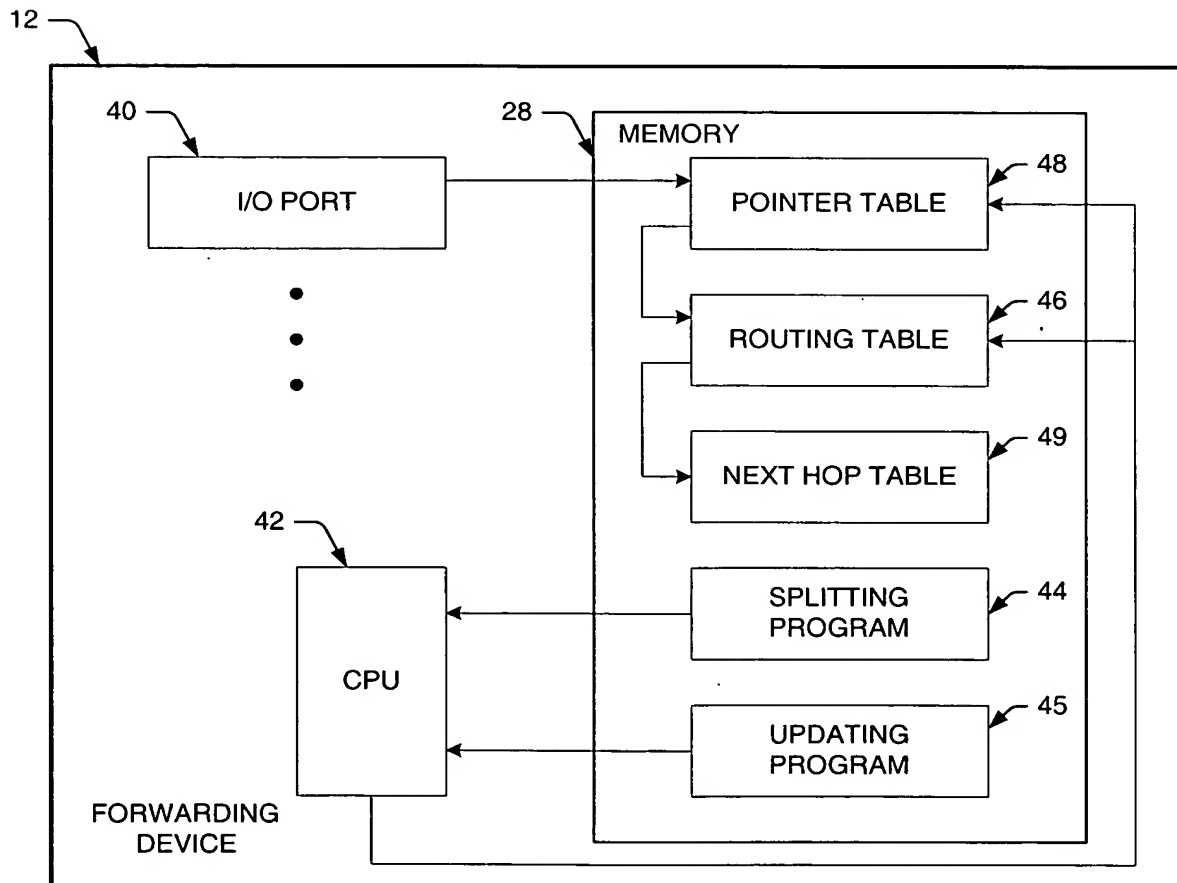


FIG. 4

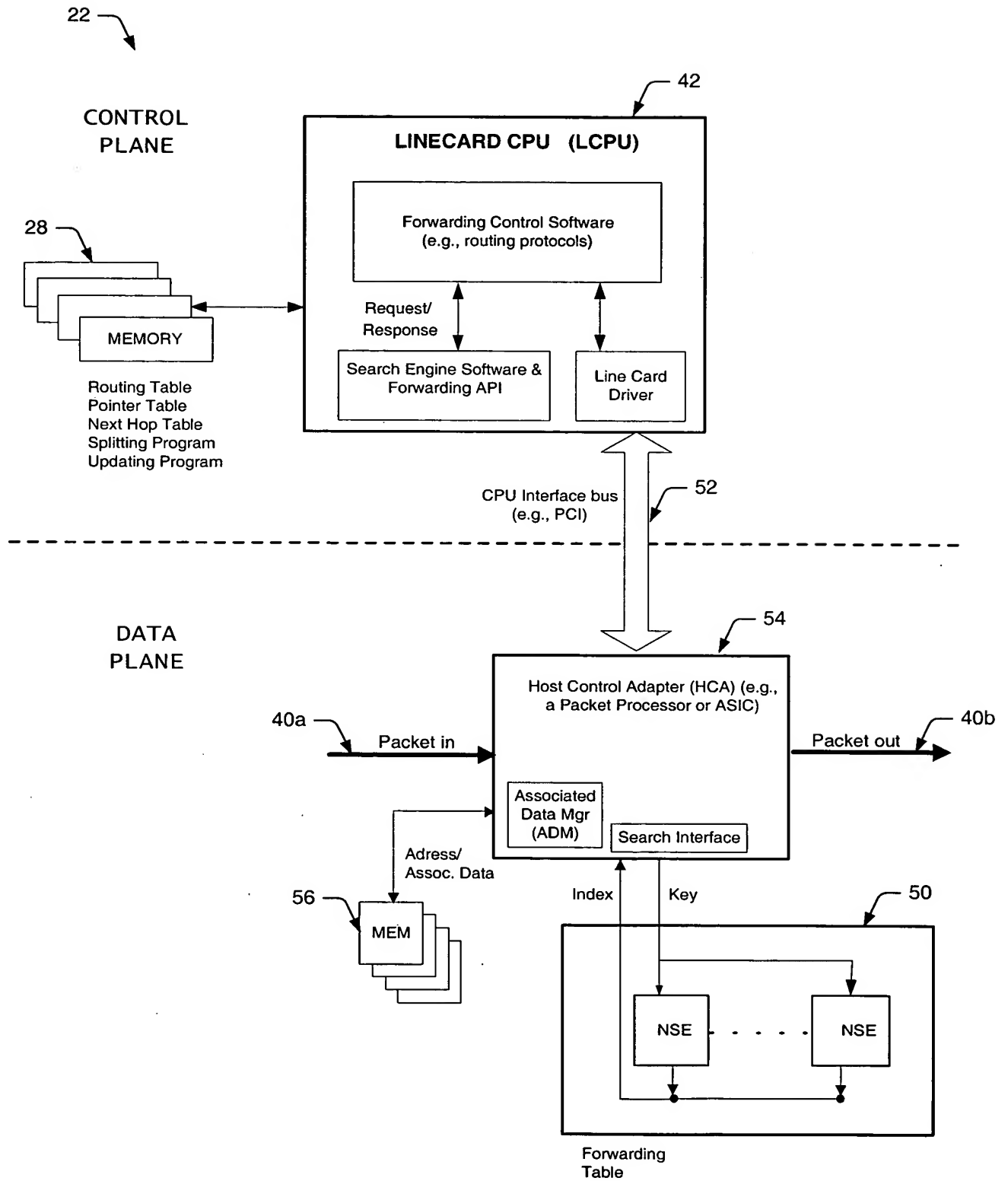


FIG. 5

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STATIC SPLIT MERGE (SSM) ALGORITHM

T=50; N=300; Ns=7

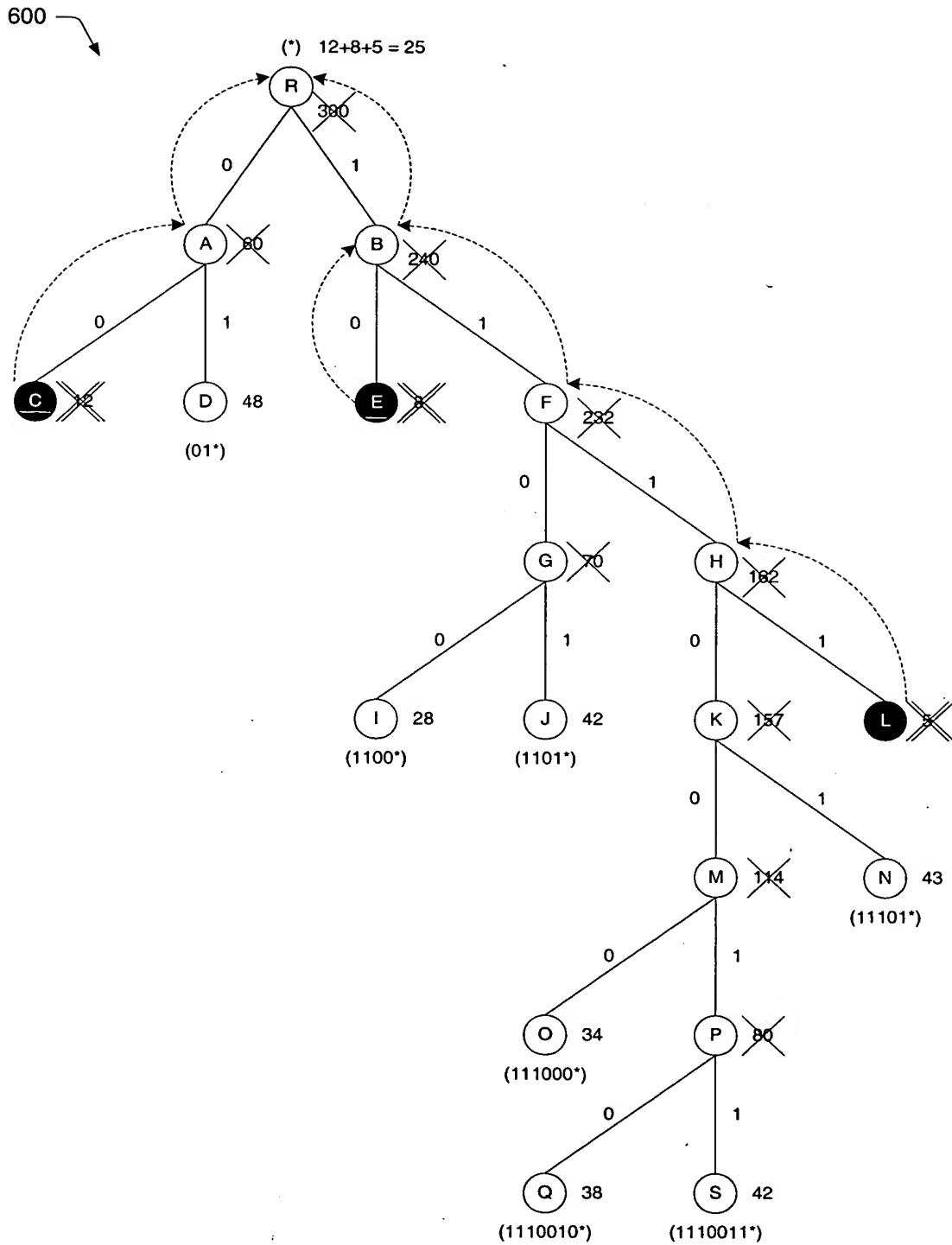


FIG. 6

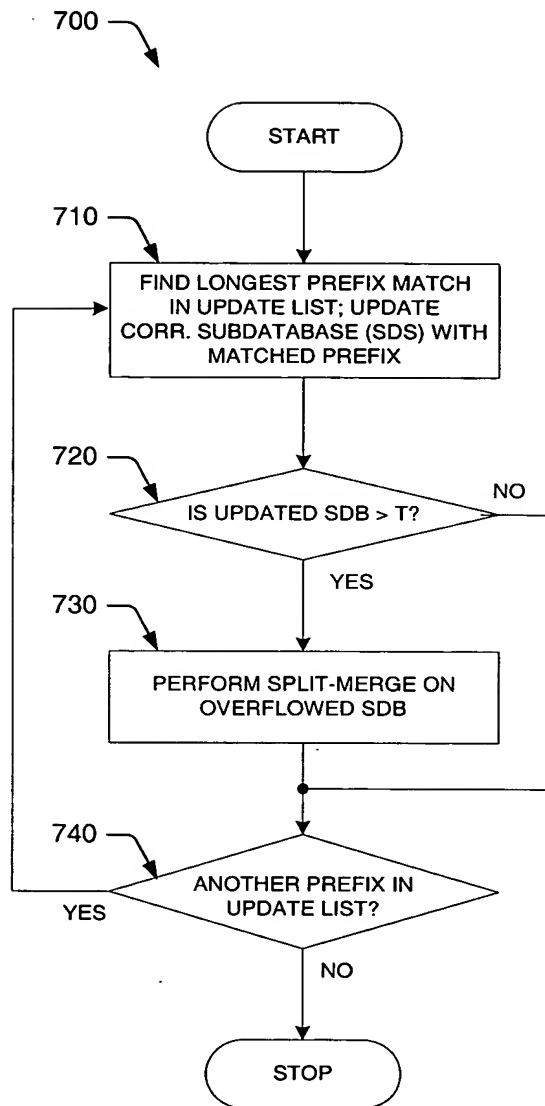


FIG. 7A

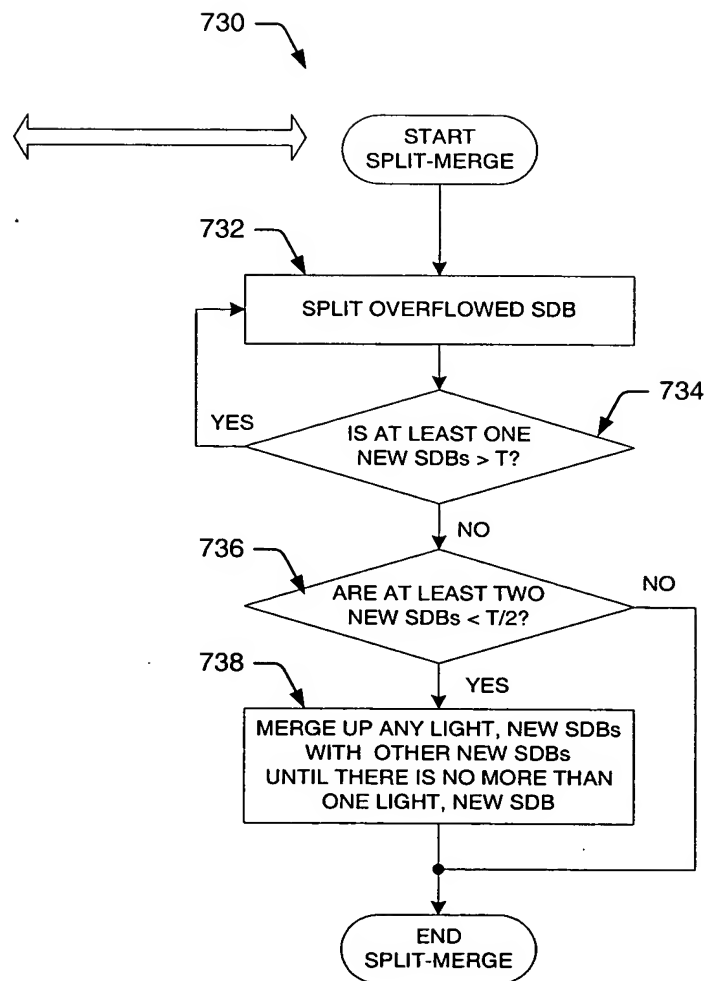


FIG. 7B

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BASIC INCREMENTAL SPLIT MERGE (BISM) ALGORITHM

T=50; N=300; Ns=9

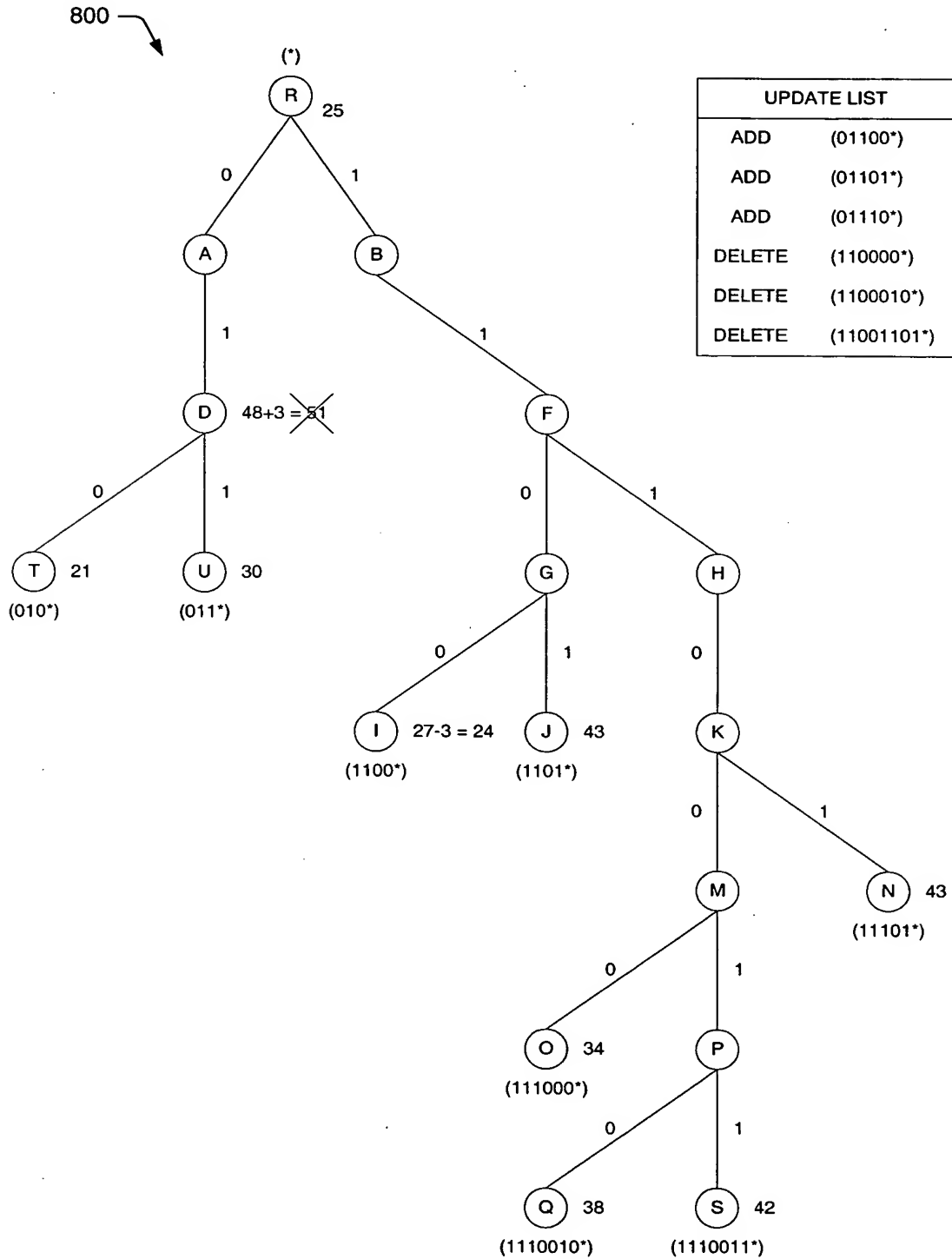


FIG. 8

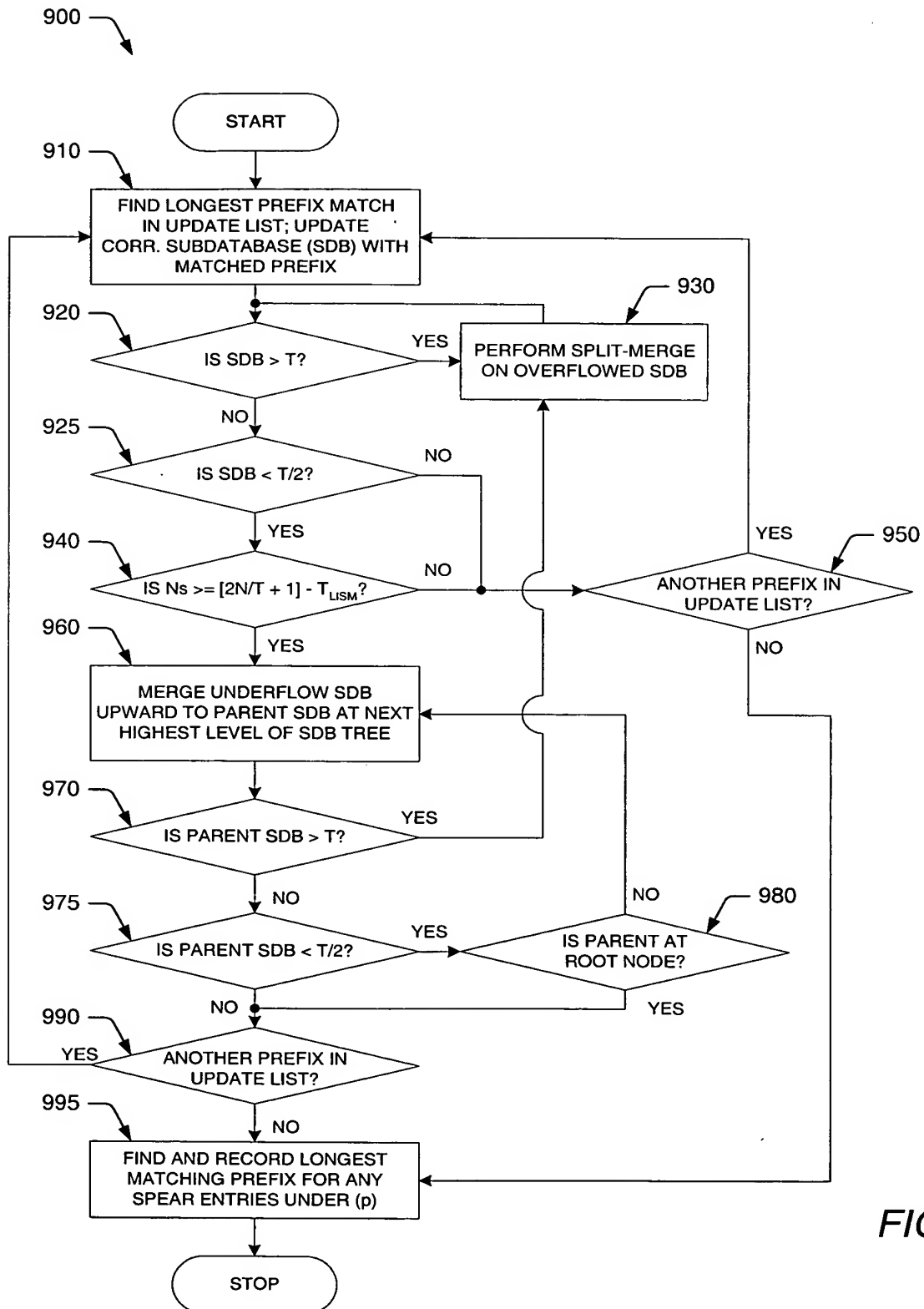


FIG. 9

LAZY INCREMENTAL SPLIT MERGE (LISM) ALGORITHM

UPDATE LIST	
ADD	(01100*)
ADD	(01101*)
ADD	(01110*)
DELETE	(110000*)
DELETE	(1100010*)
DELETE	(11001101*)

FIG. 10

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LAZY INCREMENTAL SPLIT MERGE (LISM) ALGORITHM

$T=50$; $N=300$; $T_m=5$; $(2N/T)+1=13$; $N_s=8$

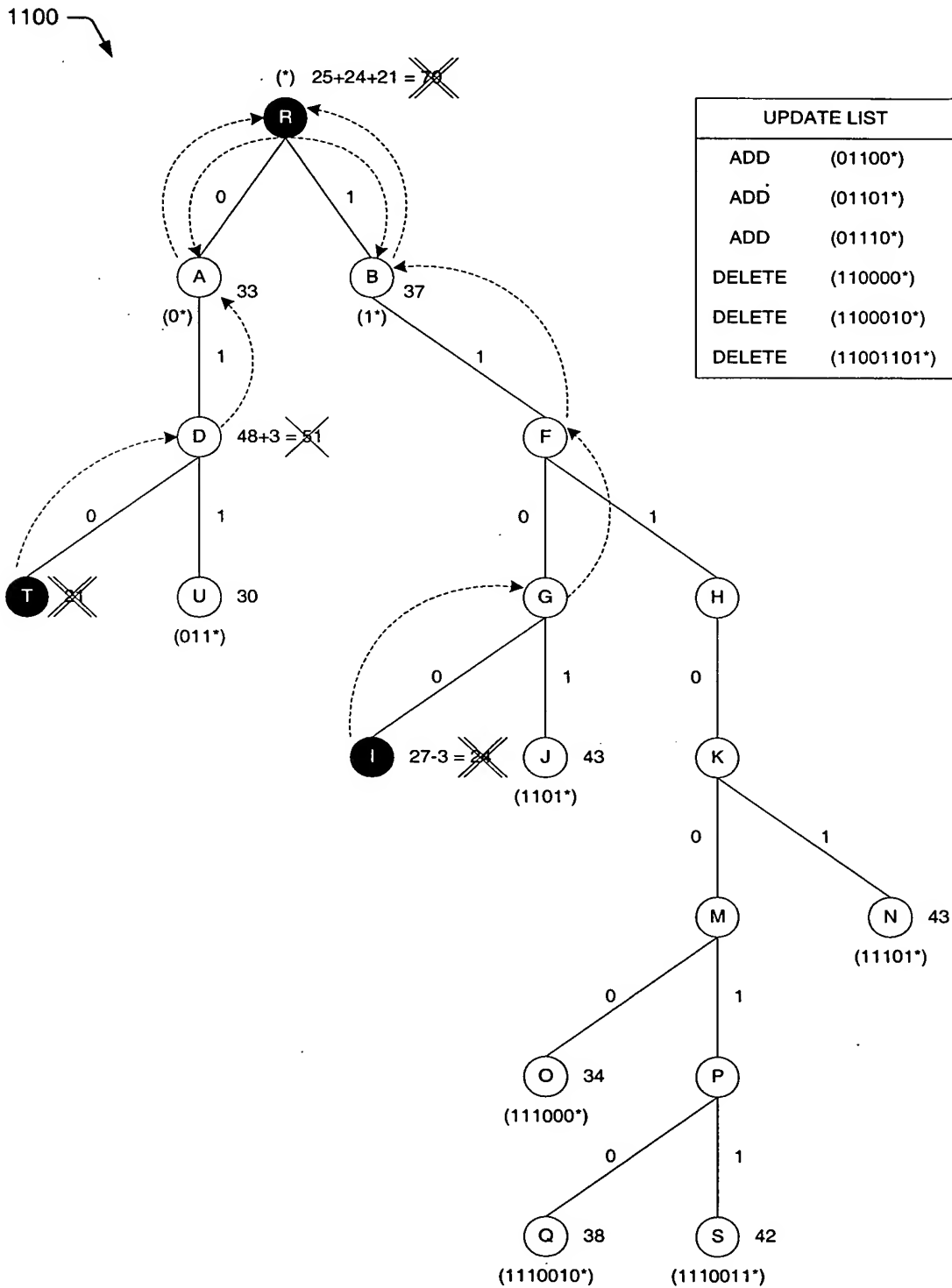


FIG. 11

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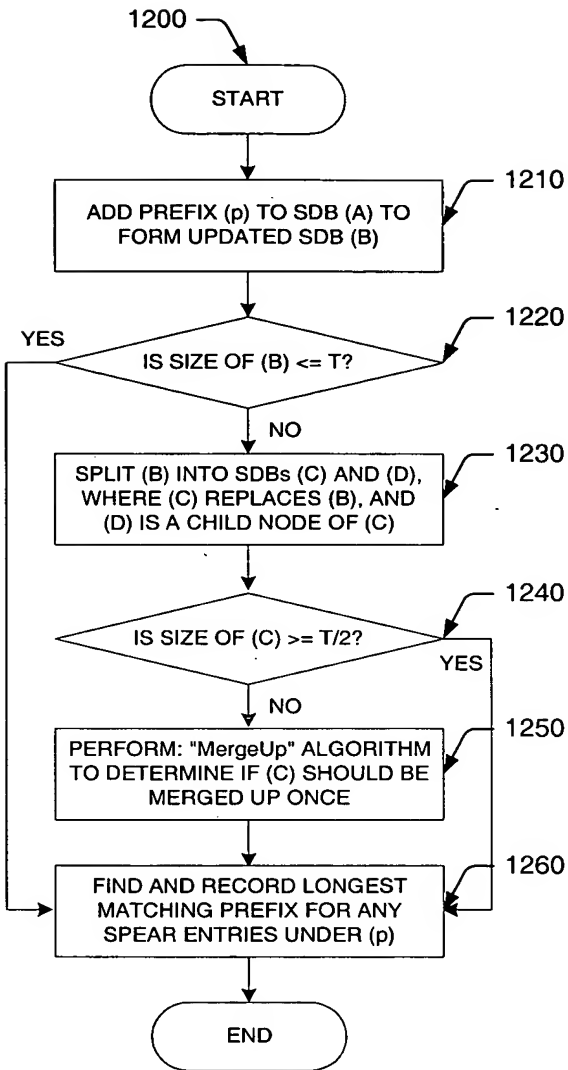


FIG. 12A

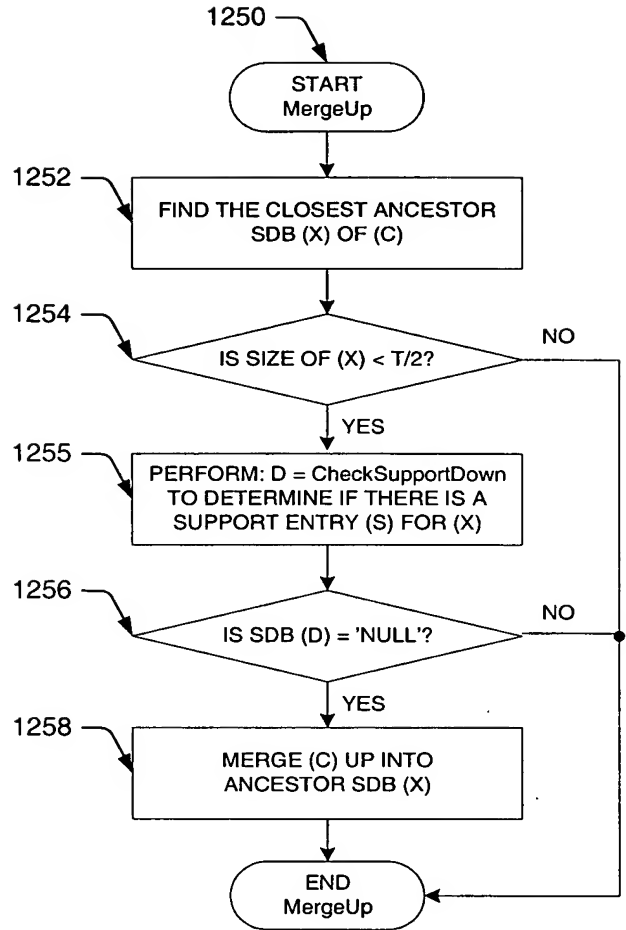


FIG. 12B

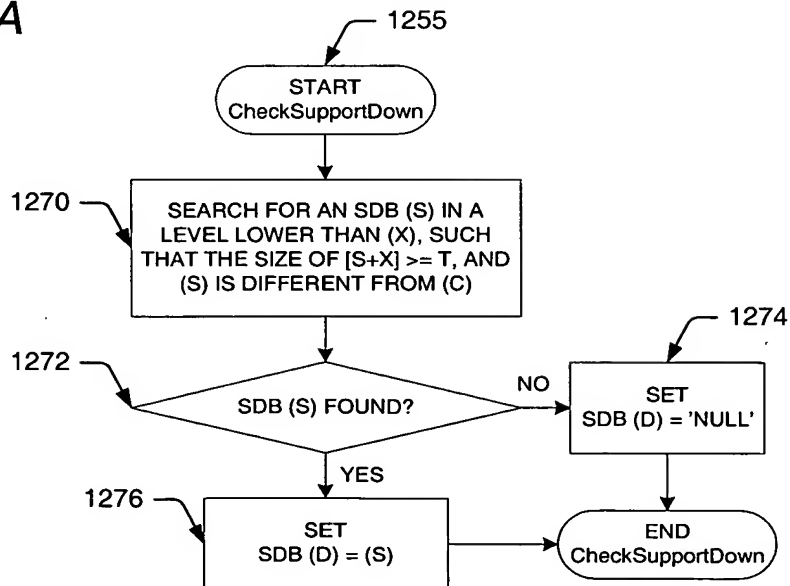
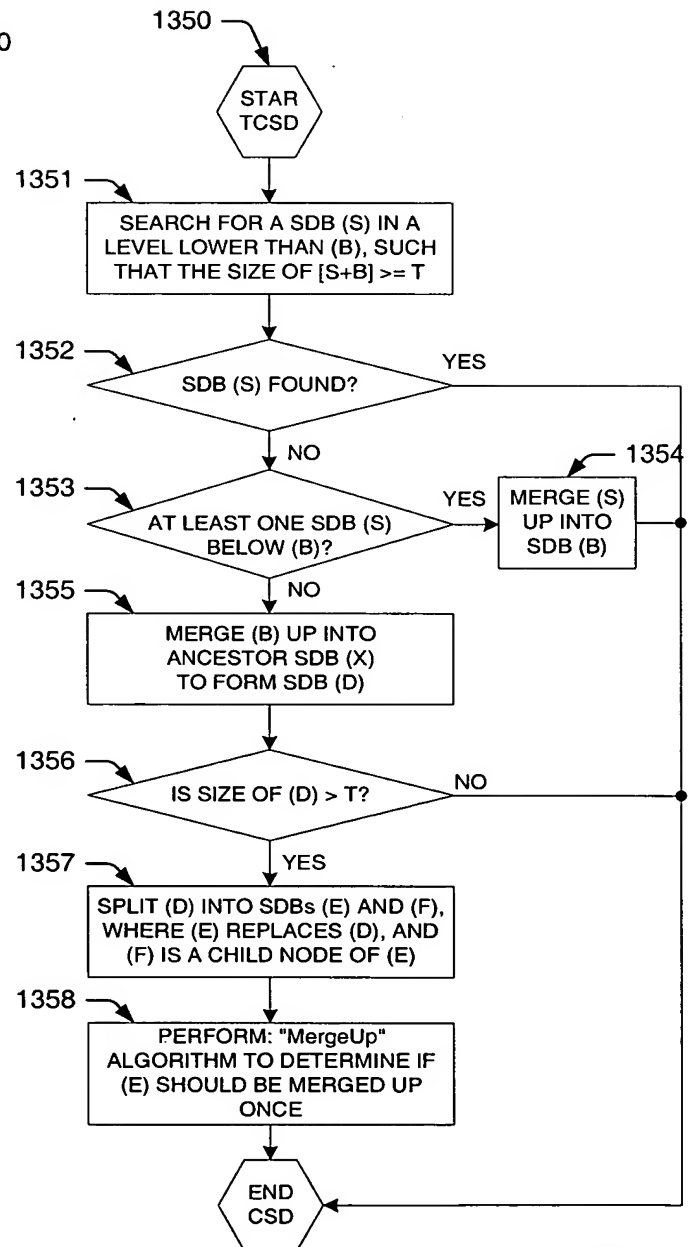
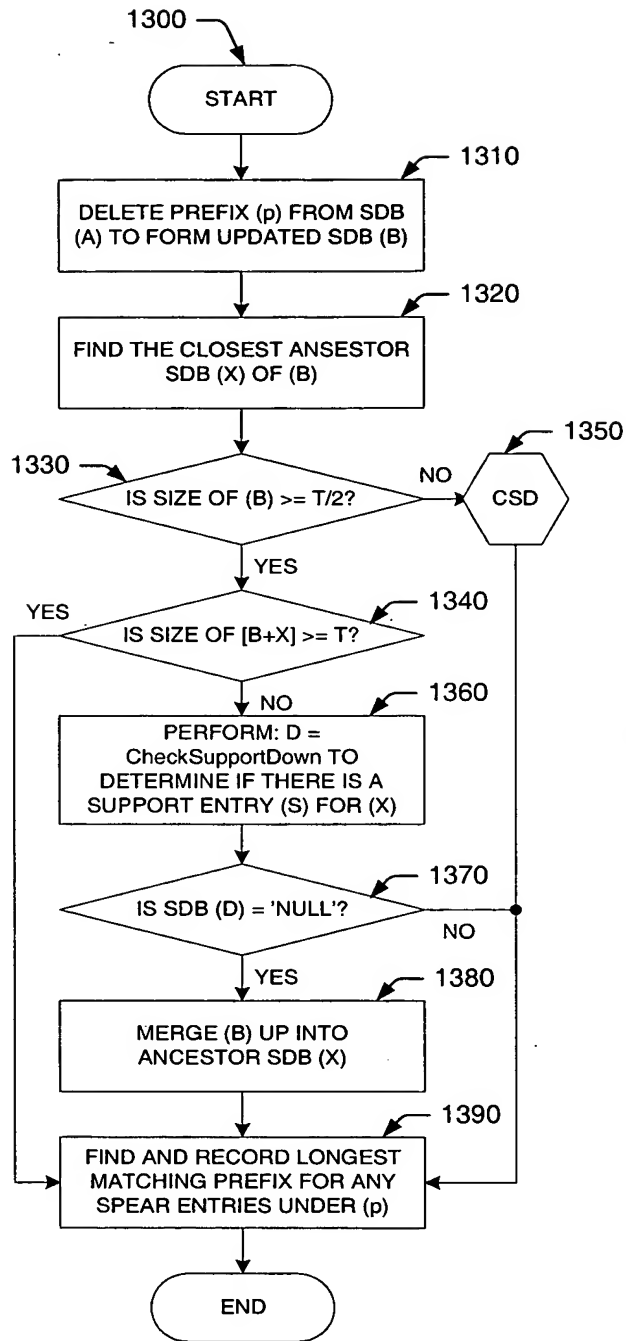


FIG. 12C



INCREMENTAL DOWN-SUPPORT SPLIT MERGE (DSM) ALGORITHM

[illegible]

FIG. 14